JC03 Rec'd POVANA SZE

GRM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE REV. 2-2005)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

278097US2PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

PCT/JP04/05365	15 April 2003 earliest	
TITLE OF INVENTION		
METAL-BASE CIRCUIT BOARD AND	ITS MANUFACTURING METHOD	

		IT(S) FOR DO/EO/US ONEMURA et al.							
Appli	cant h	nerewith submits to the United S	tates Designated/Elected Office (DO/EO/US) the following items and other information:						
1.	\boxtimes	This is a FIRST submission o	f items concerning a submission under 35 U.S.C. 371.						
2.		This is a SECOND or SUBSE	QUENT submission of items concerning a submission under 35 U.S.C. 371.						
3.	Ø	This is an express request to (9) and (24) indicated below.	begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6						
4.		The US has been elected (Art	icle 31).						
5.	\boxtimes	A copy of the International Ap	plication as filed (35 U.S.C. 371 (c)(2))						
		a. is attached hereto (r	equired only if not communicated by the International Bureau).						
		b. 🛛 has been communic	ated by the International Bureau.						
		c. is not required, as the	ne application was filed in the United States Receiving Office (RO/US).						
6.	\boxtimes	An English language translation	on of the International Application as filed (35 U.S.C. 371(c)(2)).						
		a. 🛚 is attached hereto.							
		b. has been previously	submitted under 35 U.S.C. 154(d)(4).						
7.	\boxtimes	Amendments to the claims of	the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))						
		a. are attached hereto	(required only if not communicated by the International Bureau).						
		b. have been communication	cated by the International Bureau.						
		c. have not been made	; however, the time limit for making such amendments has NOT expired.						
		d. 🛛 have not been made	and will not be made.						
8.		An English language translation	on of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9.	\boxtimes	An oath or declaration of the i	nventor(s) (35 U.S.C. 371 (c)(4)).						
10.		An English language translation Article 36 (35 U.S.C. 371 (c)(5	on of the annexes to the International Preliminary Examination Report under PCT (5)).						
11.		A copy of the International Pre	eliminary Examination Report (PCT/IPEA/409).						
12.	\boxtimes	A copy of the International Se	arch Report (PCT/ISA/210).						
	_	3 to 23 below concern docum	nent(s) or information included:						
13.	Ø		atement under 37 CFR 1.97 and 1.98.						
14.	□ 527	An assignment document for i	recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
15.	Ø	A FIRST preliminary amendm							
16.		A SECOND or SUBSEQUEN	f preliminary amendment.						
17.		A substitute specification.							
18.		A computer readable form of the acquered listing in accordance with PCT Bule 12(a) 2 and 27 CER 1 221 1 225							
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.							
20.			d International Application under 35 U.S.C. 154(d)(4).						
21.			language translation of the International Application under 35 U.S.C. 154(d)(4).						
22.		Express Mail Label No.							
23.	×	Other items or information:							
		Application Data Sheet Drawings (10 sheets) PTO-1449	Notice of Priority PCT/IB/304 PCT/IB/308 References Cited (3)						

JCO9 Rec'd PCT/PT0 P10 2690 CD 22 2005 Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

The following fees are submitted: 24. ☑ Basic national fee	The following fees are submitted: 24. ② Basic national fee (\$ Basic national fee If International preliminary examination report prepared by USPTO and all claims salksy provisions of PCT Article 33(1)+(4). \$100 All other situations. \$200 26. ③ Search fee Search fee (\$ Search	U.S. APPLICATION NO (if known, see 27 CFR 4.5) INTERNATIONAL APPLICATION NO.						ION NO.	ATTORNEY'S DOCKET NUMBER			
24. 図 Basic national fee	24. Signatural Basic national fee											
25. 월 Examination fee if International preliminary examination report prepared by USPTO and all claims satisty provisions of PCT Article 33(1)-(4)	25 Examination fee International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	-							CALCULATIONS	PTO USE		
If international preliminary examination report prepared by USPTO and all claims satisty provisions of PCT Article 33(1)-(4)	If international preliminary examination report prepared by USPTO and all claims satishy provisions of PCT Article 33(1)-(4)		ational fee			• • • •		\$300	\$ \$300.00			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority. TOTAL OF 24, 25 and 26 = \$900.00 All other situations. \$500 \$\$ \$400.00 TOTAL OF 24, 25 and 26 = \$900.00 All other situations fee for specification and drawings filled in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer program issting filed in an electronic medium). The fee is sequence listing or computer from the searlies of season of the feet of the feet of the feet of the search and the search and the feet of the feet of the search and the feet of the feet of the feet of the search and the feet of the feet o	Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Report prepared and provided to the Office	If International pr satisfy provisions	eliminary examina of PCT Article 33	(1)-(4)	·			. \$100	\$ \$200.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets	Search fee (37 C the USPTO as a International Sea	FR 1.445(a)(2)) han International Sea Irch Report prepare	as been paid o arching Authori ed and provide	n the international ap ty	 		. \$100 · \$400	\$ \$400.00			
Total Sheets	Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole 10 10 10 10 10 10 10 1								\$ \$900.00			
fraction thereof (round up to a whole - 100 = 0 /50 = 0	Fraction thereof (round up to a whole	Additional fe sequence lis \$250 for each	e for specification sting or computer p th additional 50 sh	and drawings program listing eets of paper of	filed in paper over 10 filed in an electronic or fraction thereof.	00 sh medi	eets (ium).	(excluding The fee is				
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 18 - 20 = 0	Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 18	Total Sheets	Extra Sheets					RATE				
earliest claimed priority date (37 CFR 1.492(e)). CLAIMS	earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 18	- 100 =	0 /50 =		0		x	\$250.00	\$ \$0.00			
Total claims 18 - 20 = 0 x \$50.00 \$ \$0.00 Independent claims 6 - 3 = 3 x \$200.00 \$ \$600.00 MULTIPLE DEPENDENT CLAIMS (if applicable)	Total claims 18				eclaration later than r	nonth	s fro	m the	\$			
Independent claims 6 - 3 = 3	Independent claims 6 - 3 = 3	CLAIMS	NUMBER F	ILED N	UMBER EXTRA		RA	TE				
MULTIPLE DEPENDENT CLAIMS (if applicable)	MULTIPLE DEPENDENT CLAIMS (if applicable)	Total claims	18	- 20 =	0	x		\$50.00	\$ \$0.00			
TOTAL OF ABOVE CALCULATIONS = \$ \$1,500.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$ \$1,500.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$1,500.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00 TOTAL FEES ENCLOSED = \$ \$1,500.00 Amount to be \$ Amount to be \$ Amount to be \$ \$ Amount to be \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	TOTAL OF ABOVE CALCULATIONS = \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Independent clair	ms 6	- 3=	3	х		\$200.00	\$ \$600.00			
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$ \$1,500.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$1,500.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00 TOTAL FEES ENCLOSED = \$ \$1,500.00 Amount to be \$ Amount to be \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$ \$ \$ \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	MULTIPLE DEPE	NDENT CLAIMS	(if applicable)		+		\$360.00	\$ \$0.00			
reduced by 1/2. SUBTOTAL = \$ \$1,500.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$1,500.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00 TOTAL FEES ENCLOSED = \$ \$1,500.00 Amount to be \$ Amount to be \$ \$ Amount to be \$ \$ \$ Amount to be \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	reduced by 1/2. SUBTOTAL = \$ \$ \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$ Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ TOTAL FEES ENCLOSED = \$ \$ Amount to Adupticate copy of this sheet is enclosed. C. A check in the amount of \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			TOTA	L OF ABOVE CA	ALC	ULA	TIONS =	\$ \$1,500.00			
SUBTOTAL = \$ \$1,500.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$1,500.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00 TOTAL FEES ENCLOSED = \$ \$1,500.00 Amount to be \$ Amount to be \$ \$ Amount to be \$ \$ \$ Amount to be \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$ \$ Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$ TOTAL FEES ENCLOSED = \$ \$ Amount to Aduplicate copy of this sheet is enclosed. C. A check in the amount of \$ to cover the above fees is enclosed. C. A duplicate copy of this sheet is enclosed. S. GRONAL CORRESPONDENCE TO: Customer Number 22850								\$ \$0.00			
TOTAL NATIONAL FEE = \$\$1,500.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$\$0.00 TOTAL FEES ENCLOSED = \$\$1,500.00 Amount to be \$ Amount to be \$ Amount to be \$ A check in the amount of \$\$ to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$\$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. Yellow The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030 A duplicate copy of this sheet is enclosed. d. Yellow Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card	TOTAL NATIONAL FEE = \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	 '							\$ \$1,500.00	-		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00 TOTAL FEES ENCLOSED = \$ \$1,500.00 Amount to be \$ Amount to be \$ Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030 A duplicate copy of this sheet is enclosed. Tees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + TOTAL FEES ENCLOSED = \$ Amount to Adupticate copy of this sheet is enclosed. c. A check in the amount of Adupticate copy of this sheet is enclosed. d. The Director is hereby authorized to charge any additional fees which may be required, or credit at to Deposit Account No. 15-0030 Adupticate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public information should not be included on this form. Provide credit card information and authorized to See an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer Number SIGNATURE Marvin J. Spivak					an 30	0 mor	nths from	\$ \$0.00			
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$5 \$0.00 TOTAL FEES ENCLOSED = \$1,500.00 Amount to be \$ Amount to be \$ Amount to be \$ Deposit Account No	accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + TOTAL FEES ENCLOSED = \$ \$ Amount to Adupticate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit at to Deposit Account No. 15-0030				TOTAL N	IATI	ONA	AL FEE =	\$ \$1,500.00			
a. A check in the amount of \$ to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. A the Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No 15-0030 A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card	Amount to A check in the amount of \$ Deposit Account No	Fee for recording accompanied by	the enclosed assi an appropriate cov	gnment (37 CF ver sheet (37 C	FR 1.21(h)). The ass FR 3.28, 3.31). \$40	ignm per p	ent n	nust be erty +	\$ \$0.00			
a. A check in the amount of \$ to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card	a. A check in the amount of \$ to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit a to Deposit Account No. 15-0030 A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Information should not be included on this form. Provide credit card information and authorized number to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer Number SIGNATURE Marvin J. Spivak			•	TOTAL FEE	S E	NCI	LOSED =	\$ \$1,500.00			
a. A check in the amount of \$ to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No 15-0030 A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card	a. A check in the amount of \$ to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit a to Deposit Account No. 15-0030 A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. information should not be included on this form. Provide credit card information and authorization. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer Number SIGNATURE Marvin J. Spivak								Amount to be	\$		
 b. Please charge my Deposit Account No in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. X The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No 15-0030 A duplicate copy of this sheet is enclosed. d. X Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card 	b. Please charge my Deposit Account No. in the amount of A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit a to Deposit Account No. 15-0030 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. information should not be included on this form. Provide credit card information and authorization. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer Number SIGNATURE Marvin J. Spivak			Amount to be	\$							
A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030 . A duplicate copy of this sheet is enclosed. d. Eees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card	A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit at to Deposit Account No. 15-0030 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. information should not be included on this form. Provide credit card information and authorization. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer Number SIGNATURE Marvin J. Spivak	a. A check in the amount of \$ to cover the above fees is enclosed								<u> </u>		
 c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card 	c. The Director is hereby authorized to charge any additional fees which may be required, or credit at to Deposit Account No. 15-0030 A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. information should not be included on this form. Provide credit card information and authorization. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer Number SIGNATURE Marvin J. Spivak	<u></u>										
d. 🗵 Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card	d.											
information should not be included on this form. Provide credit card information and authorization on P10-2038.	NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer Number 22850 Marvin J. Spivak	d. 🗵 Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card										
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b))	SEND ALL CORRESPONDENCE TO: Customer Number 22850 SIGNATURE Marvin J. Spivak											
	Customer Number SIGNATURE 22850 Marvin J. Spivak								lund land	<i>k</i>		
	22850 Marvin J. Spivak											
22850									-	·		
	Sumuer Sachar		6	urindo- 0	5 6 h = 1-				opivan.			
Outlinder Sachar	Registration No. 34,423 24,913											
Registration No. 34 423 24.913	REGISTRATION NUMBER				J. UT,723				TON NUMBER			

10/553076

JC09 Rec'd PCT/PTO 12 OCT 2005,

Docket No. 278097US2PCT

IN RE APPLICATION OF: Naomi YONEMURA, et al.

SERIAL NO: New U.S. PCT Application Based on PCT/JP04/05365

FILED:

Herewith

FOR:

METAL-BASE CIRCUIT BOARD AND ITS MANUFACTURING METHOD

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

- No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- Additional documents filed herewith:

PCT Transmittal Letter/Application Data Sheet/Notice of Priority/Drawings (10 sheets) English Translation of Specification/Preliminary Amendment/PCT/IB/304/PCT/IB/308 Declaration/Information Disclosure Statement/Form PTO-1449/References Cited (3)

Case Specific Power of Attorney (with attached copy of Assignment)

Credit Card Payment Form for \$1500.00

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		NO. EXTRA CLAIMS	RATE			CALCULATIONS		
TOTAL	18	MINUS	18	0	х	\$50	=	\$0.00	
INDEPENDENT	6	MINUS	х	\$200	=	\$0.00			
	☐ MULTIPLE DEPENDENT CLAIMS						=	\$0.00	
			\$0.00						
		☐ Reduction	\$0.00						
		☐ Recordation of Assignment + \$					=	\$0.00	
		TOTAL						\$0.00	

	Αc	heck	in	the	amount	of	` \$0. 00	is	attac	hed	l.
--	----	------	----	-----	--------	----	------------------	----	-------	-----	----

- ☐ Credit card payment form is attached to cover the fees in the amount of \$0.00
- Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Marvin J. Spivak

Registration No. 24,913

Customer Number

22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)

Surinder Sachar

Registration No. 34,423